

REPORT OF THE TRUSTEES
OF THE
MONSON STATE HOSPITAL

(POST-OFFICE AND RAILROAD STATION, PALMER),

FOR THE
YEAR ENDING NOVEMBER 30, 1910.



BOSTON:
WRIGHT & POTTER PRINTING CO., STATE PRINTERS,
18 POST OFFICE SQUARE.
1911.



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(Epileptics), Palmer.

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STATE HOUSE, BOSTON
Mass. Officials

APPROVED BY
THE STATE BOARD OF PUBLICATION.

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OFFICERS

OF THE

MONSON STATE HOSPITAL.

TRUSTEES.

WILLIAM N. BULLARD, M.D., <i>Chairman</i> ,	.	.	.	BOSTON.
MABEL W. STEDMAN,	.	.	.	BROOKLINE.
HENRY P. JAQUES, M.D.,	.	.	.	LENOX.
WALTER W. SCOFIELD, M.D.,	.	.	.	DALTON.
MARY P. TOWNSLEY, <i>Secretary</i> ,	.	.	.	SPRINGFIELD.
JOHN BAPST BLAKE, M.D.,	.	.	.	BOSTON.
EDWARD P. BAGG,	.	.	.	HOLYOKE.

RESIDENT OFFICERS.

EVERETT FLOOD, M.D.,	.	.	.	<i>Superintendent.</i>
MORGAN B. HODSKINS, M.D.,	.	.	.	<i>Assistant Physician.</i>
ALDEN V. COOPER, M.D.,	.	.	.	<i>Assistant Physician.</i>
FREDERICK W. GUILD, M.D.,	.	.	.	<i>Assistant Physician.</i>
EDMUND S. DOUGLASS, M.D.,	.	.	.	<i>Assistant Physician.</i>
AMY C. CLIFTON,	.	.	.	<i>Assistant Superintendent and Matron.</i>
LELAND B. ALFORD,	.	.	.	<i>Research Officer.</i>
CHARLES F. SIMONDS,	.	.	.	<i>Steward and Storekeeper.</i>
GEORGE E. BATES,	.	.	.	<i>Engineer.</i>

WALTER E. HATCH,	.	.	.	<i>Clerk and Treasurer.</i>
FLORENCE H. DANIELSON,	.	.	.	<i>Field Worker.</i>

NON-RESIDENT OFFICERS.

DR. E. G. BRACKETT,	.	.	.	<i>Consulting Orthopedic Surgeon.</i>
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The Commonwealth of Massachusetts.

TRUSTEES' REPORT.

To His Excellency the Governor and the Honorable Council.

In accordance with chapter 211 of the Acts of 1905 the trustees of the Monson State Hospital respectfully present their annual report.

Through the reappointment of Dr. W. N. Bullard, in July, 1910, the Board of Trustees remains unchanged.

Certain changes, however, occurred among the officers of the hospital. Dr. Edward A. Kennedy, second assistant physician, resigned in June, 1910, and his place was filled by the promotion of Dr. Alden V. Cooper. This left a vacancy on the staff, which was filled by the appointment of Dr. Edmund S. Douglass as fourth assistant physician.

Dr. Annie E. Taft, the research officer (and we believe the first female research officer in the State), resigned on Aug. 1, 1910, for the purpose of further study in Europe. Her place has been filled by the appointment of Mr. Leland B. Alford.

Dr. Morgan B. Hodskins, first assistant physician, returned from leave of absence for vacation and study in Europe, and filled the place of acting superintendent during the summer months.

In April, 1910, Miss Amy C. Clifton was appointed assistant superintendent, to take charge of the children's colony soon to be opened.

The appropriations for the past year, in addition to the appropriation for current expenses, were:—

For the extension of the sewerage system,	\$6,000
For the purchase of a small pasture adjoining land at present the property of the hospital,	740
For the construction of an employees' cottage,	2,000

This latter sum was an addition to money in the possession of the hospital which could be applied to this purpose.

During the past year much work has been accomplished. The buildings of the children's colony, three in number, an administration building and two dormitories, to provide for 150 patients, have been built and furnished; and patients are now being admitted to these buildings. Miss Clifton, the assistant superintendent, lives in the central building, and has full charge of the colony, except the medical work, under the direction of the superintendent.

The foundations of the new employees' cottage have been laid, and the building itself is well under way.

The apparatus for the evaporation of fruit has been installed and does excellent work.

A hot-air furnace was put in at Farm cottage last spring and is of much service.

Arrangements have been made with the town of Monson for the continuation of the macadamizing of the road to Palmer.

In recompense for damage done to the hospital land through fire caused by a locomotive, the sum of \$750 has been received.

The trustees have voted to ask for the following appropriations this year:—

For an extension of the laundry and suitable machinery therefor,	\$15,000
For an extension of our present dining hall building in such manner as to provide suitable dining rooms for the nurses, attendants and other employees separate from the patients, and to accommodate a larger number of patients,	25,000
To enlarge the refrigerating facilities and to fireproof certain floors,	3,000
Total,	\$43,000

The trustees feel that the time has now arrived when a definite future policy for the hospital must be carefully considered. One of the first questions to be discussed and to be *provisionally* settled is that of the proper number of patients who should be eventually cared for in this institution. The limit of patients in any such hospital as this must be determined provisionally from two standpoints: first, that of the general advisability of size, care of patients, etc., for institutions of this special class; secondly, from the point of view of the special circumstances and conditions of the particular institution under consideration. The

determination of questions of this character lies at the root of our present action. It would be manifestly unwise to ask for provision for power or for heat or light for 2,000 patients if it were considered advisable that the hospital should never contain more than 1,500. While the converse is also true, that is, if 2,000 is the proper number of patients for the institution eventually to care for, it may be a distinct saving to prepare early for the power, heat and light sufficient for this number, rather than to make numerous additions and extensions to plants already in existence, or to be obliged to build new ones, thus increasing the ultimate cost.

In close connection with this question is that of the kind of patients to be received, and the trustees feel that the time has now arrived when the limitations in age now existing by law should be removed. The establishment of the children's colony enables the trustees to make suitable provision for children of any age, and it seems only appropriate that the hospital should take the class most amenable to treatment and offering the strongest prospect of recovery. It will be of great advantage to the community that those afflicted with epilepsy should be adequately cared for from the earliest possible age by experts, so that if a cure is possible all available means may be taken to secure it, and if a cure is not possible, the child should be placed in the best condition mentally and physically to bear its burden. The hospital, moreover, should in justice have the opportunity of examining and treating its patients as early as is practicable after the onset of the disease. While ready to take patients at any stage of illness, it is much less beneficial to the patient and less satisfactory to the trustees to have patients admitted at a time in their illness when treatment can be of little or no avail.

For these reasons the trustees recommend that so much of the Acts of 1909, sections 57 and 58, chapter 504, as refers to a limit from age be stricken out and removed, and that no age limit be placed on patients admitted to this hospital.

The hospital has, during the past year, been striving to do its duty to the public in the matter of study and research in epilepsy. For this purpose it has engaged actively in the work of increasing its specialist library, both by buying, and, where possible, by encouraging gifts of books of this character.

The research officer, Dr. Taft, has performed some valuable

and important investigations in our laboratory in regard to the nature of epilepsy. Some of these have been and some are to be published. They are as follows:—

Lesions of the Major Trunk Viscera in Epileptics.

Brief Outlines of Observations made with Guinea Pigs.

Outline of Report of Study of Brown-Sequard Epilepsy in the Guinea Pig.

Brown-Sequard Study in Inheritance.

Through the kindness of the American Breeders' Association, the hospital has been enabled to employ a field worker on the heredity of epilepsy. Since October 1 Miss Florence Danielson, who has received special training for this work, has been at the service of the hospital. Her salary is paid by the association, while the hospital provides traveling expenses and board and lodging while she is with us.

It need scarcely be said that this is a very advantageous arrangement for us, and that the public is receiving a valuable gift from this association, to whom the trustees herewith transmit their thanks.

The great importance of the determination of heredity in epilepsy is well known to experts, but its bearing is not always fully comprehended by those who have no special acquaintance with these subjects. On the settlement of the laws of heredity in this disease depends primarily, in large part, the success of our efforts in prevention. Until we know when and where to expect its occurrence, under what circumstances and conditions it is liable to "spontaneously" appear, our best efforts to curb and prevent it must necessarily fall far short of those theoretically possible.

In concluding this report the trustees desire to give their thanks to Dr. E. G. Brackett of Boston for his very valuable services in orthopedic surgery, and to Dr. Walter R. Weiser of Springfield for services in surgery.

WILLIAM N. BULLARD, *Chairman.*

For the Trustees.

SUPERINTENDENT'S REPORT.

To the Trustees of the Monson State Hospital.

I hereby submit my annual report for the year ending Nov. 30, 1910.

The routine of our daily work has fortunately not been interrupted during the year by unusual occurrences. Our effort has been to keep each detail up to its standard. This is no small undertaking. Many lines of work and treatment are started, but to keep the thread of each and to be sure that none is neglected require constant vigilance on the part of the head of each department. Our first work is for the patient. To treat each case as individually as the time will allow, to attend to all the items of care and treatment, suitable clothing and work adapted from day to day to the condition of each case (a very varying responsibility), require much attention, constantly applied. The instructions due to the persons employed to carry out the detail work form a very decided responsibility. To do justice to the sometimes mistaken patient and equally to look after the side of the faithful though mistaken attendant give ample bodily and mental exercise to your officers. The feature of meeting and pleasing the visiting relation is also to be considered as a pressing and ever present duty, — one that helps more than anything else to keep our work right in the eye of the public. With all these and other varied duties, many of which cannot be anticipated or described, we have still to make room for such work as comes in connection with enlargement of buildings, increase of numbers, medically keeping up with the times and a score of duties not easy to enumerate. I think that I may report that in the main these points have been observed and each given its due weight so far as the ability of your medical staff and other employees has been competent. We may at least report that we are alive to the responsibility imposed upon us, and that defects are due to our limitations rather than to our inactivity.

Our whole number of patients has so increased that much work has been done in connection with the quarters for these new cases. There have also been the usual improvements where these were most necessary on the grounds and in the buildings. We have been able to assist the town officers in adding to the macadam road toward Palmer. Another year of this work will probably see the road extended to the bridge. Work of this sort is an actual economy, as our teaming is so much less expensive over a good road.

We have added six lights to our street equipment. They are necessary additions to our illumination of the grounds adjacent to our buildings, but serve a very useful purpose for the townspeople who pass this way. It appears that our efforts in this direction are appreciated by our neighbors.

Three dormer windows have been added to the farm group buildings, making the chambers better lighted and aired and adding to the comfort of the employees who are housed there.

The use of the fruit evaporator has been a feature of much interest and profit. We are able to quickly dry any fruit or vegetable when it shows softening. The windfall apples and other early fruit are thus saved, and none need be lost by decay.

The advantage derived from the pump which was installed at the ice pond has been marked. It has supplied the laundry with water during the dry season. The regular water supply has been ample for all other purposes.

We have built in recent years almost wholly for the accommodation of patients, and now need to add to our service facilities. I therefore recommend that you make provision for the following:—

1. An appropriation of \$3,000 for enlarging the store refrigerator and for fireproofing the floor of the machine shop.
2. An appropriation of \$15,000 for an extension of the laundry and additional machinery.
3. An appropriation of \$25,000 for an extension of our dining-room facilities.

There are several other rather pressing needs apparent, but they must of necessity wait for action at some later date.

Mr. Leland B. Alford was appointed pathologist Aug. 7, 1910. A report of his plan of work is briefly outlined.

He has continued the study of Brown-Sequard epilepsy in guinea pigs, begun by Dr. Taft in the endeavor to demonstrate its relation to human epilepsy, and possibly, by comparing the condition in man with that in the animal, to gain some light on the disease in the human being. But whereas Dr. Taft did her work along the line of transmission of the condition from parent to offspring, and the effect on the nutrition and reproductive functions, Mr. Alford is making a study of the nature of the condition itself; the ways in which it may be produced; the means by which it may be prevented; its relation to the nervous system anatomically and physiologically, and the correspondence with certain other reflex conditions also seen in the guinea pig, as, for instance, the normal scratch reflex, the anæsthetic scratch reflex and the scratching reflex that sometimes follows injury to the head.

Aside from this, certain pathological work on the cases that come to autopsy is being done. This consists of an intense study of some unusual cases and the routine histological examination of all cases.

The introduction of accounts which will indicate clearly the expense of maintaining each separate ward and department is now completed and will be of much service.

The continuation of the work of collecting a library on epilepsy has been a special care. The library now consists of 91 books and 260 subjects. Number of subjects on the list to be searched out and placed on shelves, 73.

An account of the medical conference held here February 11 has been printed, and the plans for a similar conference this winter, with the probability of making the subject of inheritance the main feature, are under way. This will be announced in due time.

The appointment of Miss Danielson as a field worker under the patronage of the American Breeders' Association we have arranged with Dr. Charles B. Davenport of Cold Spring Harbor, N. Y., secretary of the committee on eugenics. The work briefly outlined is as follows:—

Miss Danielson visits the families of our patients in selected cases and follows from one to another until she has obtained a very complete pedigree of a given family. A sufficient period

has not yet elapsed to obtain a large number, but the effort has been to make a thorough work of a few families. Results can only be looked for in the future, but certainly the indications are that much good can be done. The families themselves will be benefited; the institution will have more complete records of the cases, and that at a very moderate cost to the institution. We shall be able to furnish facts to the proper authorities as to where degenerates are more likely to breed within the State borders. A further result of the work will very likely be an extension of this same line of inquiry under a more central authority, and the co-operation of certain other institutions in accordance with a mature and broadened plan.

The practical issue of this kind of work, systematized and extended, seems likely to tend to the illumination of the sequestered foci of degeneration, crime and peculiarities, publicity and consequent outflow of some individuals, and an attenuation of the taint. Much practical good and even a diminished ratio of degenerates seem within the range of possibility.

A sample of carving done by patient and photographs of the buildings, etc., have been sent to an educational exhibit of the work done in colonies for epileptics by the Teachers' College of Columbia University.

Changes have been made in faucets so that persons can drink without using a common drinking cup. Extra precautions have also been taken with the hot-water faucets, to avoid accidents.

Post-mortem examinations have been made on 20 cases during the current year.

CLERGYMEN WHO HAVE HELD SERVICE.

Rev. George A. Andrews.
Rev. Francis S. Brewer.
Rev. Abram Conklin.
Rev. Francis W. Gibbs.
Rev. Charles Hill.

Rev. William Hart.
Dr. J. S. Lemon.
Rev. H. W. Smith.
Rev. Charles W. Williams.

AMUSEMENTS.

Dances, 54; masquerade, 1; moving pictures, 7; excursions to lake, 28; excursions to fair, 2; dancing school, 21; physical culture class, 13; entertainments, 3; baseball games, 32; rides, 2.

GIFTS.

NAME.	Place.	Article.
Mrs. Brainerd,	Palmer,	Toys, books, etc.
Mr. Robert Power,	Fall River,	Clothing.
T. W. Main,	Springfield,	Colliers' Weekly for 1909.
Dr. W. N. Bullard,	Boston,	Boston Medical and Surgical Journal for 1909.
Mrs. Pease,	Monson,	Magazines.
Edwin Wilcock,	Brookline,	One driving horse.
Rev. Abram Conklin,	Monson,	Magazines, books for children.
Mr. Ezekiel,	Palmer,	Magazines.
Mrs. M. Kenney,	Dorchester,	Clothing,
Mrs. H. Bowman,	Springfield,	Magazines.
D. E. Marcy,	Palmer,	Magazines.
Rev. Fr. Hart,	Palmer,	Magazines.
Mr. John Ryan,	Springfield,	"Eccheverria on Epilepsy."
Mrs. E. N. Timmins,	Roxbury,	Two bureau scarfs, doilies, etc.
Mr. Edward E. Morgan,	Auburndale,	Chair, chiffonier, table.

Table showing Patients employed and in what Way.

	Men.	Women.
Administration building,	—	5
Bakery,	6	—
Barn,	13	—
Carpenter,	1	—
Dining room,	29	25
Employees' cottage,	1	3
Engineer's department,	2	—
Farm,	16	—
Garden,	4	—
Greenhouse,	5	—
Industrial building,	18	—
Kitchen,	18	29
Laundry,	13	72
Mason,	2	—
Nurses' home,	—	4
On roads,	38	—
Painter,	6	—
School,	15	30
Sewing room,	—	39
Store,	3	—
Ward work,	153	104
With yard man,	14	—

OPERATIONS.

Appendicectomy,	5	Hemorrhoids,	1
Castration,	1	Ovariectomy,	8
Circumcision,	12	Salpingotomy,	2
Curettage,	16	Tonsillotomy,	13
Tenotomy of eye muscle,	5	Vasectomy,	15

List of Graduates.

NAMES.	Class.	Occupation.	Address.
Fannie C. Cronin,	1901	Monson State Hospital, supervisor,	Palmer.
Mary E. Kilduff,	1901	Private nursing,	Springfield.
Emma S. McKeever,	1901	Matron at State Farm,	State Farm.
Julia O'Brien,	1901	Private nursing,	22 Kenilworth Street, Roxbury.
Edith E. Townsend,	1901	Married,	Bragville, Me.
Carroll W. Briggs,	1902	Boston City Hospital,	Boston.
A. M. D. Manwarring,	1902	- - -	Averill Park, N. Y.
Edwin S. Manwarring,	1902	- - -	Averill Park, N. Y.
James L. McKeever,	1902	State Farm,	State Farm.
Walter L. McKeever,	1902	- - -	Middletown, Conn.
Hattie Edith Rowe,	1902	- - -	Georgetown, Me.
Alice B. Smith,	1902	Bookkeeping,	Medford.
Marguerite Casey,	1903	Private nursing,	Burlington, Vt.
Catherine Daley,	1903	Connecticut Hospital for Insane,	Middletown, Conn.
Georgia A. Nute,	1903	Stamford Hall,	Stamford, Conn.
George J. Flint,	1903	Motorman,	Palmer, Mass.
Mae D. Brown,	1905	Private nursing,	Portland, Me.
Annie A. Caldwell,	1905	Private nursing,	Springfield.
Louis A. Fontaine,	1905	- - -	Palmer.
Frank L. Morway,	1905	Apothecary at Monson State Hos- pital.	Palmer.
Christine McClellan,	1906	Married,	Prince Edward Island.
Lutie F. Campbell,	1907	Assistant supervisor, Monson State Hospital.	Palmer.
Theresa A. Brown,	1907	Private nursing,	Portland, Me.
Mary G. Hancock,	1907	Private nursing,	Holyoke.
Mrs. Anna Woodward,	1907	Private nursing,	Syracuse, N. Y.
Elizabeth McCarthy,	1907	Assistant supervisor, Monson State Hospital.	Palmer.
Samuel E. Chase,	1907	Brattleboro Retreat, nurse,	Brattleboro, Vt.
William L. Paine,	1907	Monson State Hospital, nurse,	Palmer.
Edith M. Brooks,	1908	Private nursing,	Watertown, N. Y.
Eva G. Caldwell,	1908	Private nursing,	Woodstock, N. B.

List of Graduates — Concluded.

NAMES.	Class.	Occupation.	Address.
Mary J. Caldwell, .	1908	Private nursing,	Springfield.
Susan E. Crumb, .	1908	Private nursing,	Watertown, N. Y.
Daisy I. Dowling, .	1908	Private nursing,	Brockton.
Olla G. Dowling, .	1908	Private nursing,	Brockton.
Dora L. Jaques, . .	1908	Private nursing,	Presque Isle, Me.
Agnes M. Millen, .	1908	Private nursing,	Syracuse, N. Y.
Anna L. Millen, . .	1908	Private nursing,	Salem, Mass.
Katherine C. Murray,	1908	Married,	Dorchester.
Mae I. Perkins, . .	1908	Married,	Palmer.
Nellie F. Brown, . .	1909	Married,	Moosup, Conn.
Mary S. Campbell, .	1909	Private nursing,	Palmer.
Katherine Donovan, .	1909	Private nursing,	New York City.
Ermina E. Drennan, .	1909	Private nursing,	Philadelphia, Pa.
Ruth C. Clark, . .	1910	Private nursing,	Worcester.
S. Helen Dickinson, .	1910	Private nursing,	Boston.
Alma T. Gray, . . .	1910	Soldiers' Home, nurse, . . .	Togus, Me.
Cora M. Graham, . .	1910	Long Island Hospital, nurse, .	New York.
Ida H. Graham, . .	1910	Monson State Hospital, nurse, .	Palmer.
Bertha S. Hall (Mrs.),	1910	Pierce Farm,	Mattapan.
Mary L. Hains, . .	1910	Married,	Great Barrington.
Maybel M. Jamieson, .	1910	Private nursing,	New York City.
Katherine F. Knight,	1910	St. Mary's Hospital, nurse, . .	Dorchester.
Annie L. Mackay, . .	1910	Soldiers' Home, nurse,	Togus, Me.
Margarette S. Macrae,	1910	Married,	Hopewell Junction, N. Y.

The nurses have worked away from the hospital $99\frac{3}{4}$ days.

Respectfully submitted,

EVERETT FLOOD,
Superintendent.

GENERAL INFORMATION.

METHODS OF ADMISSION.

1. The regular insane commitment, such as is used at the insane hospital.

2. Two forms of commitment: (a) voluntary admission for persons over ten years of age, requiring the certificate of one doctor, and the doctor's certificate must be certified by a justice; (b) commitment for those who are considered dangerous epileptics, but not otherwise insane.

Each patient is required to work as much as he is able. Patients are not allowed to go to town alone, nor to walk out alone. They are expected to live on plain diet, and to go to bed early. These restrictions are not irksome when they are fully understood.

PATIENTS' CLOTHING.

The outfit requisite for a patient coming here is very much the same as would be needed at home.

LOCATION.

The hospital is located in the town of Monson, but less than 1 mile from the village of Palmer, so that Palmer is the address for all purposes. Palmer is on the Boston & Albany railroad, between Worcester and Springfield, and is at the junction of the Boston & Albany and the New London Northern division of the Central Vermont. The Ware River branch of the Boston & Albany railroad has one terminus in Palmer, the other in Winchendon. Palmer is 84 miles from Boston, and the railroad fare is \$1.90.

ARTICLES MADE AND REPAIRED IN THE SEWING ROOMS.

MADE.			
Aprons,	326	Petticoats,	34
Bibs,	180	Piano cover,	1
Bureau scarfs,	55	Pillow slips,	78
Bean bags,	10	Operating gowns,	4
Bathing aprons,	4	Rubber pants (pairs),	8
Bread covers,	2	Rugs,	24
Corset covers,	19	Rubber pillows,	2
Chemises,	100	Rubber pillow covers,	4
Coats,	40	Rompers (pairs),	36
Covering for steam pipe,	1	Shirts,	12
Caps for bathing,	25	Skirts,	8
Curtains: —		Shirt waists,	23
Long muslin (pairs),	9	Stockings (pairs),	2
Sash (pairs),	25	Shirt-waist suits,	7
For bookcase,	3	Suits,	6
For bakery,	1	Sheets,	24
Clothes-pin bag,	1	Sofa pillows,	3
Dresses,	538	Stand covers,	82
Drawers (pairs),	17	Suspenders (pairs),	99
Dressing sacks,	2	Sawdust bags,	14
Dispensary aprons,	24	Trousers (pairs),	37
Garters,	297	Towels,	1,440
Holders,	24	Table cloths,	150
Ironing-board covers,	12	Ticks,	5
Jumpers,	9	Table cushion cover,	1
Kimono,	1	Tea bags,	4
Laundry bags,	38	Vests,	43
Mittens (pairs),	223		
Mattress covers,	29	REPAIRED.	
Muslin straps,	6	Aprons,	188
Night dresses,	259	Bibs,	36
Night shirts,	139	Blankets,	64
Napkins,	12	Blouses,	38
Overalls (pairs),	139	Barber sheets,	2
Overalls for bakers (pairs),	4	Bedspreads,	44
		Bath robes,	5

Corset covers,	92	Pajamas (suits),	10
Corsets,	8	Portiere,	1
Chemises,	74	Rompers (suits),	77
Coats,	717	Rugs,	7
Clothes bags,	20	Shirts,	1,122
Curtains (pairs),	16	Stockings (pairs),	4,300
Curtains, roller,	2	Shirt waists,	19
Dresses,	643	Skirts,	14
Drawers,	889	Sweaters,	7
Flag,	1	Shawl,	1
Jumpers,	49	Sheets,	4
Laundry bags,	171	Suspenders (pair),	1
Mittens (pairs),	6	Trousers (pairs),	804
Mattress covers,	16	Table cloths,	7
Man's suit,	1	Table cover,	1
Night dresses,	748	Ticks,	6
Overalls (pairs),	347	Towels,	4
Petticoats,	311	Union suits,	2
Pillow slips,	42	Vests,	94

ARTICLES MADE AND REPAIRED ON THE WARDS.

Aprons,	26	Laundry bags,	3
Bibs,	123	Mattress covers,	55
Blanket,	1	Night slips,	6
Bedspread,	1	Pillow slips,	10
Coats,	239	Shirts,	863
Drawers,	218	Suspenders,	81
Garters (pairs),	11	Trousers,	560
Hose,	5	Union suits,	6
Hay ticks,	12	Vests,	16

WORK DONE IN THE INDUSTRIAL ROOM.

ARTICLES CARVED.		REPAIRED.	
Door signs,	14	Ankle braces,	2
Numbers,	96	Base balls,	3
CUT.		Base-ball gloves,	4
Coats,	55	Base-ball bases,	3
Mittens (pairs),	372	Belts,	6
Overalls, men's (pairs),	129	Camp stools,	10
Trousers (pairs),	66	Chairs,	6
Vests,	49	Curry combs,	2
MADE.		Laundry baskets,	12
Cemetery head marks,	4	Leather cases for clocks,	2
Coat hangers,	155	Piano stool,	1
Envelopes, large: —		Rugs,	22
For office,	1,480	Screens,	3
For pills,	4,800	Shoes,	1,532
Mattresses, made over,	323	Stretcher,	1
Moccasins, men's (pairs),	10	Suspenders (pairs),	9
Pillows made over,	510	Trunk strap,	1
Rugs: —		Umbrellas,	82
Fancy,	1	RESEATED.	
Rope,	45	Chairs,	71
Shoes: —		SEWED.	
Men's (pairs),	220	Mangle aprons,	5
Women's (pairs),	18	UPHOLSTERED.	
Slippers, men's (pairs),	298	Barber chairs,	4
MARKED.		Couch,	1
Shoes (pairs),	143	Rocker,	1
PRINTED.			
Blanks,	66,100		
Copies of essays and lectures,	1,650		
Envelopes,	4,225		
Names,	136		
Programs,	3,700		

FARM PRODUCTS.

Apples, eating, 447 $\frac{1}{5}$ barrels, at \$3,	\$1,341 60
Apples, cider, 823 bushels, at \$0.10,	82 29
Apples, crab, 15 $\frac{3}{4}$ bushels, at \$0.75,	11 81
Beans, shell, 165 $\frac{1}{4}$ bushels, at \$1.25,	206 56
Beans, string, 126 $\frac{3}{4}$ bushels, at \$0.75,	95 06
Beets, 150 bushels, at \$0.60,	90 00
Beet greens, 36 $\frac{1}{2}$ bushels, at \$0.35,	12 78
Cabbage, 4 $\frac{1}{2}$ $\frac{1}{10}$ $\frac{1}{10}$ tons, at \$10,	45 85
Calves sold, 52,	135 50
Carrots, 636 bushels, at \$0.60,	381 60
Cider, 1,151 gallons, at \$0.10,	115 10
Corn, sweet, 535 bushels, at \$0.75,	401 25
Corn, field, 675 bushels, at \$0.75,	506 25
Cows, 4,	110 00
Currants, 387 quarts, at \$0.11,	42 57
Cucumbers, 33 boxes, at \$1.50,	49 50
Cucumbers, pickle, 40 pecks, at \$0.75,	30 00
Ensilage, 300 tons, at \$5,	1,500 00
Fodder, dry, 25 tons, at \$5,	125 00
Fodder, oat, 20 tons, at \$5,	100 00
Fodder, millet, 30 tons, at \$5,	150 00
Grapes, 93 pounds, at \$0.03,	2 79
Hay, 300 tons, at \$21,	6,300 00
Hay, meadow, 8 tons, at \$10,	80 00
Heifers, 2,	55 00
Lettuce, 316 $\frac{1}{4}$ boxes, at \$0.75,	237 19
Milk, 271,541 quarts, at \$0.06,	16,292 46
Onions, 404 $\frac{3}{4}$ bushels, at \$0.85,	344 04
Parsnips, 502 bushels, at \$1,	502 00
Pears, 13 $\frac{1}{2}$ bushels, at \$1.75,	23 63
Peas, 78 bushels, at \$1,	78 00
Peppers, 1 $\frac{1}{2}$ bushels, at \$0.75,	1 13
Pigs,	631 25
Potatoes, 986 bushels, at \$0.70,	690 20

Amount carried forward, \$30,770 41

<i>Amount brought forward,</i>		\$30,770 41
Pumpkins, 6,130 pounds, at \$0.03,		183 90
Pork, 8,972 pounds, at \$0.10,		897 20
Radishes, 112 bunches, at \$0.25,		28 00
Radish, horse, 2 bushels, at \$1,		2 00
Rhubarb, 2,359 pounds, at \$0.02,		47 18
Rowen, 40 tons, at \$12,		480 00
Squash, summer, 3½ tons, at \$20,		70 00
Squash, winter, 7 ²⁰ / ₁₀₀ tons, at \$30,		213 47
Tomatoes, green, 121 bushels, at \$0.50,		60 50
Tomatoes, ripe, 250 bushels, at \$0.75,		187 50
Turnips, 394½ barrels, at \$1.25,		493 13
Use of teams,		10 00
Veal, 103 pounds, at \$0.11,		11 33
Wood, 155 cords, at \$4.50,		697 50
		<hr/>
		\$34,152 12

GREENHOUSE PRODUCTS.

Asparagus, 6 boxes, at \$4.50,		\$27 00
Cabbage, ³⁰ / ₁₀₀ tons, at \$10,		1 65
Celery, 83½ boxes, at \$1,		83 33
Chicken, 219 pounds, at \$0.24,		52 56
Cucumbers, 1,780, at \$0.10,		178 00
Dandelions, 36 bushels, at \$0.75,		27 00
Eggs, 250 dozen, at \$0.30,		75 00
Fowl, 144 pounds, at \$0.18,		25 92
Lettuce, indoor grown, 13 boxes, at \$2.25,		29 25
Lettuce, outdoor grown, 28 boxes, at \$0.75,		21 00
Parsley, 29 bunches, at \$0.05,		1 45
Pears, 7 bushels, at \$1.75,		12 25
Rhubarb, 25 pounds, at \$0.02,		50
Spinach, 30 bushels, at \$0.40,		12 00
Strawberries, 161 quarts, at \$0.10,		16 10
Tomatoes, green, 6½ bushels, at \$0.50,		3 40
Tomatoes, ripe, 26 bushels, at \$0.75,		19 50
Bulbs, plants, flowers, etc.,		4,367 94
		<hr/>
		\$4,953 85

LIST OF PERSONS

REGULARLY EMPLOYED AT MONSON STATE HOSPITAL.

Superintendent, per year,	. . . . .	\$3,000 00
Assistant physician, per year,	. . . . .	1,500 00
Assistant physician, per year,	. . . . .	1,200 00
Assistant physician, per year,	. . . . .	800 00
Assistant physician, per year,	. . . . .	600 00
Pathologist, per year,	. . . . .	600 00
Steward, per year,	. . . . .	1,200 00
Engineer, per year,	. . . . .	1,200 00
Matron and assistant superintendent, per year,	. . . . .	1,000 00
Clerk and treasurer, per year,	. . . . .	1,100 00

TREASURER'S REPORT.

To the Trustees of the Monson State Hospital.

I respectfully submit the following report of the finances of this institution for the fiscal year ending Nov. 30, 1910:—

CASH ACCOUNT.			
Balance Dec. 1, 1909,	.	.	\$1,112 28
<i>Receipts.</i>			
<i>Institution Receipts.</i>			
Board of inmates: —			
Private,	.	\$7,717 11	
Reimbursements,	.	3,418 98	
Cities and towns,	.	364 78	
		<hr/>	\$11,500 87
Salaries, wages and labor: —			
Labor of employees,	.	\$8 00	
Wages not called for,	.	35 42	
		<hr/>	43 42
Sales: —			
Food,	.	\$684 06	
Clothing and materials,	.	280 45	
Furnishings,	.	2 82	
Repairs and improvements,	.	150 01	
Miscellaneous,	.	58 58	
		<hr/>	1,175 92
Farm, stable and grounds: —			
Cows and calves,	.	\$300 50	
Pigs and hogs,	.	631 25	
Ice,	.	57 93	
Vegetables,	.	20	
Use of teams,	.	10 00	
Sundries,	.	854 91	
		<hr/>	1,854 79
Miscellaneous receipts: —			
Interest on bank balances,	.	\$134 24	
Sundries,	.	11 96	
		<hr/>	146 20
		<hr/>	14,721 20
<i>Receipts from Treasury of Commonwealth.</i>			
Maintenance appropriations: —			
Balance of 1909,	.	\$1,979 62	
Advance money (amount on hand November 30),	.	9,000 00	
Approved schedules of 1910,	.	156,860 86	
		<hr/>	167,840 48
Special appropriations,	.	.	93,158 44
		<hr/>	
Total,	.	.	\$276,832 40

Payments.

To treasury of Commonwealth, institution receipts,	\$14,721 20	
Maintenance appropriations: —		
Balance November schedule, 1909,	3,819 43	
Eleven months' schedules, 1910,	156,860 86	
November advances,	8,541 79	
	<hr/>	\$183,943 28
Special appropriations: —		
Approved schedule (\$93,158.44, less advances of November, 1909, \$727.53),		92,430 91
Balance Nov. 30, 1910: —		
In bank,	\$268 91	
In office,	189 30	
	<hr/>	458 21
Total,		<hr/> \$276,832 40

MAINTENANCE.

Appropriation,	\$167,500 00
Expenses (as analyzed below),	167,500 00

Analysis of Expenses.

Salaries, wages and labor: —		
General administration,	\$21,126 09	
Medical service,	7,305 59	
Ward service (male),	16,843 59	
Ward service (female),	12,453 63	
Repairs and improvements,	4,422 14	
Farm, stable and grounds,	9,787 05	
	<hr/>	\$71,938 09
Food: —		
Butter,	\$7,987 40	
Beans,	146 49	
Bread and crackers,	386 18	
Cereals, rice, meal, etc.,	1,829 28	
Cheese,	153 01	
Eggs,	2,784 14	
Flour,	4,390 50	
Fish,	1,615 75	
Fruit (dried and fresh),	1,594 52	
Meats,	12,161 85	
Milk,	2 88	
Molasses and syrup,	514 21	
Sugar,	2,599 00	
Tea, coffee, broma and cocoa,	622 98	
Vegetables,	2,145 68	
Sundries,	1,105 97	
	<hr/>	40,039 84
Clothing and materials: —		
Boots, shoes and rubbers,	\$582 49	
Clothing,	794 32	
Dry goods for clothing and small wares,	1,257 22	
Furnishing goods,	5 88	
	<hr/>	
Amounts carried forward,	\$2,639 91	\$111,977 93

<i>Amounts brought forward,</i>	\$2,639 91	\$111,977 93
Clothing and materials — <i>Con.</i>		
Hats and caps,	30 38	
Leather and shoe findings,	610 88	
Sundries,	31 20	
	<hr/>	3,312 37
Furnishings: —		
Beds, bedding, table linen, etc.,	\$1,464 77	
Brushes, brooms,	370 01	
Carpets, rugs, etc.,	270 35	
Crockery, glassware, cutlery, etc.,	920 48	
Furniture and upholstery,	216 63	
Kitchen furnishings,	933 78	
Wooden ware, buckets, pails, etc.,	78 15	
Sundries,	236 82	
	<hr/>	4,490 99
Heat, light and power: —		
Coal,	\$15,439 66	
Oil,	327 08	
Sundries,	181 67	
	<hr/>	15,948 41
Repairs and improvements: —		
Brick,	\$91 00	
Cement, lime and plaster,	351 24	
Doors, sashes, etc.,	42 21	
Electrical work and supplies,	1,204 58	
Hardware,	674 60	
Lumber,	1,024 71	
Machinery, etc.,	354 03	
Paints, oil, glass, etc.,	1,542 10	
Plumbing, steam fitting and supplies,	2,340 23	
Roofing and materials,	35 81	
Sundries,	52 11	
	<hr/>	7,712 62
Farm, stable and grounds: —		
Blacksmith and supplies,	\$372 35	
Carriages, wagons, etc., and repairs,	621 89	
Fertilizers, vines, seeds, etc.,	872 97	
Hay, grain, etc.,	7,092 63	
Harnesses and repairs,	176 01	
Cows,	497 00	
Rent,	76 00	
Tools, farm machines, etc.,	924 09	
Sundries,	311 89	
	<hr/>	10,944 83
Miscellaneous: —		
Books, periodicals, etc.,	\$401 12	
Chapel services and entertainments,	1,292 03	
Freight, expressage and transportation,	1,439 39	
Funeral expenses,	123 75	
Gratuities,	11 90	
Hose, etc.,	69 64	
Ice,	897 48	
Medicines and hospital supplies,	2,086 98	
	<hr/>	
<i>Amounts carried forward,</i>	\$6,322 29	\$154,387 15

<i>Amounts brought forward,</i>	\$6,322 29	\$154,387 15
<i>Miscellaneous — Con.</i>		
Medical attendance, nurses, etc. (extra),	77 30	
Postage,	426 27	
Printing and printing supplies,	18 07	
Printing annual report,	156 32	
Return of runaways,	46 95	
Soap and laundry supplies,	2,053 84	
Stationery and office supplies,	937 13	
School books and school supplies,	1 37	
Travel and expenses (officials),	621 02	
Telephone and telegraph,	157 97	
Tobacco,	605 88	
Water,	1,435 34	
Sundries,	253 10	
		13,112 85
Total expenses for maintenance,		\$167,500 00

SPECIAL APPROPRIATIONS.

Balance Dec. 1, 1909,	\$98,491 27
Appropriations for fiscal year,	8,740 00
Total,	\$107,231 27
Expended during the year (see statement annexed),	\$93,158 44
Reverting to treasury of Commonwealth,	71 08
	93,229 52
Balance Nov. 30, 1910,	\$14,001 75

RESOURCES AND LIABILITIES.

Resources.

Cash on hand,	\$458 21
November cash vouchers (paid from advance money),	8,541 79
Due from treasury of Commonwealth, account	
November, 1910, schedule,	1,639 14
	\$10,639 14

Liabilities.

Schedule of November bills,	\$10,639 14
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Special Appropriations.

Objt.	Act or Resolve.	Whole Amount.	Expended during Fiscal Year.	Expended to Date.	Balance at End of Year.
Alterations, etc.,	Res. 1907, chap. 91,	\$3,400 00	\$106 54	\$3,333 49	\$66 51 ¹
Constructing silos,	Res. 1907, chap. 91,	1,100 00	449 99	1,095 43	4 57 ¹
Building for male employees,	Res. 1908, chap. 128,	5,900 00	240 89	5,900 00	—
Constructing and furnishing two dormitories,	Acts 1909, chap. 475,	84,000 00	63,717 57	81,413 42	2,586 58
Constructing and furnishing service building,	Acts 1909, chap. 475,	34,000 00	23,138 84	33,479 86	520 14
Sewer, water and electric connections,	Res. 1909, chap. 97,	5,000 00	3,959 65	5,000 00	—
Sewerage system,	Res. 1910, chap. 119,	6,000 00	654 96	654 96	5,345 04
Constructing and furnishing house for employees, {	Res. 1908, chap. 128,	} 5,900 00	150 00	350 01	5,549 99
Purchase of land,	Res. 1910, chap. 119,		740 00	740 00	—
		\$146,040 00	\$93,158 44	\$131,967 17	\$14,001 75

¹ Reverting to treasury of the Commonwealth.

Respectfully submitted,

WALTER F. HATCH,

Treasurer.

Examined and found correct as compared with the records in the office of the Auditor of the Commonwealth.

WARREN A. MERRILL,

Assistant Supervisor of Accounts.

VALUATION.

Land,	\$32,377 00
Buildings,	569,788 69
Water and sewerage systems,	46,458 23

Personal property: —

Provisions and groceries,	2,522 05
Clothing and clothing material,	4,441 43
Furnishings,	77,855 50

Heat, light and power: —

Fuel,	145 30
All other property,	1,278 41

Repairs and improvements: —

Machinery and mechanical fixtures,	50,122 79
All other property,	3,476 21

Farm, stable and grounds: —

Live stock on the farm,	15,230 00
Produce of the farm on hand,	1,277 50
Carriages and agricultural implements,	8,366 73
All other property,	1,959 32
Miscellaneous,	10,094 80

\$825,393 96

NURSES' TRAINING SCHOOL FUND.

Balance Dec. 1, 1909,	\$450 30
Twelve months' receipts,	331 89

\$782 19

Twelve months' payments,	373 22
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Balance Nov. 30, 1910,	\$408 97
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Investment.

Deposited in Palmer National Bank,	\$55 89
Deposited in Palmer Savings Bank,	337 70
Cash in office,	15 38
	<hr/>
	\$408 97

PATIENTS' MONEY.

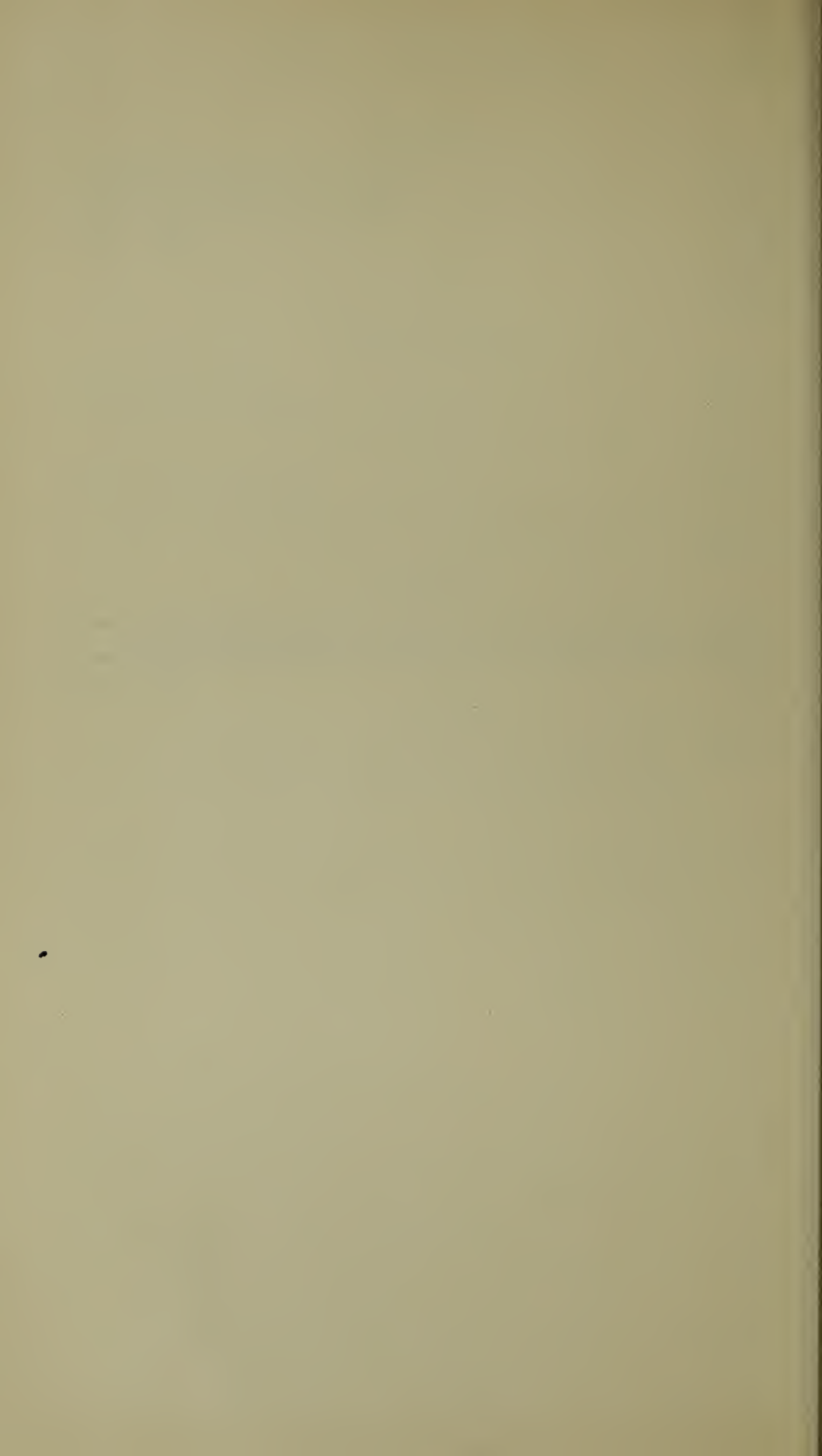
Balance Dec. 1, 1909,	\$650 98
Twelve months' receipts,	1,995 68
	<hr/>
	\$2,646 66
Twelve months' payments,	1,969 86
	<hr/>
	\$676 80

Investment.

Deposited in Palmer National Bank,	\$57 26
Deposited in Palmer Savings Bank,	569 96
Cash in office,	49 58
	<hr/>
	\$676 80

STATISTICAL TABLES.

[FORM PRESCRIBED BY STATE BOARD OF INSANITY.]



1. — General Statistics for the Year.

	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Patients in the hospital Oct. 1, 1909.									
Admitted within the year,	165	164	329	203	163	366	368	327	695
Viz.: by commitment,	36	30	66	107	89	196	143	119	262
by transfer,	30	26	56	68	69	137	98	95	193
from escape,	2	2	4	—	1	1	2	3	5
from visit,	1	—	1	2	—	2	3	—	3 ¹
Whole number of cases within year,	3	2	5	37	19	56	40	21	61 ¹
Dismissed during year,	201	194	395	310	252	562	511	446	957
Viz.: discharged,	26	12	38	90	59	149	116	71	187
as recovered,	5	7	12	37	15	52	42	17	59
as capable of self-support,	—	—	—	1	—	1	1	—	1
as improved,	—	—	—	—	—	—	—	—	—
as not improved,	5	2	7	31	15	46	36	17	53
died,	—	—	—	5	—	5	5	—	5
transferred,	14	9	23	9	12	21	23	21	44
escaped,	—	—	—	—	—	—	—	—	—
on visit Oct. 1, 1910,	7	1	8	4	—	4	4	—	4
Patients remaining Sept. 30, 1910,	175	132	307	220	193	413	375	333	708
Viz.: State patients,	104	173	337	199	176	375	363	349	712
private patients,	4	7	11	12	10	22	16	13	29
reimbursing patients,	7	6	13	9	7	16	16	13	29
Number of different persons within the year,	197	192	389	289	244	533	486	436	922
Number of different persons admitted,	33	28	61	86	82	168	119	110	229
Number of different persons admitted by commitment,	30	26	56	68	69	137	98	95	193
Number of different persons dismissed,	23	10	33	71	50	121	94	60	154
Number of different persons discharged, capable of self-support,	—	—	—	—	—	—	—	—	—
Daily average number of patients,	171.56	170.70	342.26	208.84	180.10	388.94	380.40	350.80	731.20
Viz.: State patients,	162.85	162.66	325.51	189.66	165.00	354.67	352.52	327.66	680.18
private patients,	3.57	3.61	7.18	10.98	8.53	19.51	14.55	12.14	26.69
reimbursing patients,	5.14	4.43	9.57	8.19	6.57	14.76	13.33	11.00	24.33

¹ Nominally admitted to discharge: insane: males, 3; females, 2; total, 5; sane: males, 21; females, 7; total, 28; totals: males, 24; females, 9; total, 33. Three sane males, 5 sane females, time extended from visit of previous year. One sane male, time extended from escape of previous year.

2. — *Received on First and Subsequent Commitments.*

NUMBER OF THE ADMISSION.	CASES ADMITTED.							
	INSANE.			SANE.			TOTALS.	
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.
First to this hospital,	28	26	54	63	60	123	91	86
Second to this hospital,	2	—	2	4	8	12	6	8
Third to this hospital,	—	—	—	1	1	2	1	1
Total cases,	30	26	56	68	69	137	98	95
Total persons,	30	26	56	68	69	137	98	95
First admitted to any hospital,	27	25	52	63	59	122	90	84

4. — Residence of Persons admitted by Commitment.

PLACES.	FIRST ADMITTED TO ANY HOSPITAL.			OTHER ADMISSIONS.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Insane: —									
Bristol County,	1	—	1	1	—	1	2	—	2
Hampden County,	—	—	—	—	—	—	—	—	—
Middlesex County,	9	10	19	—	1	1	9	11	20
Suffolk County,	3	8	11	2	—	2	5	8	13
Worcester County,	14	7	21	—	—	—	14	7	21
Totals,	27	25	52	3	1	4	30	26	56
Cities or large towns (10,000 or over),	14	18	32	2	1	3	16	19	35
Country districts (under 10,000), . .	13	7	20	1	—	1	14	7	21
B. — Sane: —									
Berkshire County,	3	1	4	—	—	—	3	1	4
Bristol County,	3	5	8	—	1	1	3	6	9
Essex County,	8	8	16	—	—	—	8	8	16
Franklin County,	—	1	1	—	—	—	—	1	1
Hampden County,	5	5	10	1	1	2	6	6	12
Hampshire County,	—	1	1	—	—	—	—	1	1
Middlesex County,	15	12	27	—	1	1	15	13	28
Norfolk County,	2	2	4	1	—	1	3	2	5
Plymouth County,	2	1	3	—	1	1	2	2	4
Suffolk County,	19	19	38	1	4	5	20	23	43
Worcester County,	6	4	10	2	2	4	8	6	14
Totals,	63	59	122	5	10	15	68	69	137
Cities or large towns (10,000 or over),	45	46	91	3	7	10	48	53	101
Country districts (under 10,000), . .	18	13	31	2	3	5	20	16	36

5. — Civil Condition of Persons first admitted to Any Hospital.

	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Unmarried,	25	21	46	54	44	98	79	65	144
Married,	2	3	5	7	7	14	9	10	19
Widowed,	—	1	1	—	7	7	—	8	8
Divorced,	—	—	—	2	1	3	2	1	3
Totals,	27	25	52	63	59	122	90	84	174

6. — Occupations of Persons first admitted to Any Hospital.

MALES.

	Insane.	Sane.	Totals.		Insane.	Sane.	Totals.
Blacksmith, . . .	—	1	1	Laborer, . . .	—	5	5
Bookkeeper, . . .	—	1	1	Leather cutter, . . .	—	1	1
Brakeman, . . .	—	1	1	Mill operative, . . .	—	3	3
Brick mason, . . .	—	1	1	Railroad man, . . .	—	1	1
Cash boy, . . .	—	1	1	Scholar, . . .	—	2	2
Clerk, . . .	—	6	6	Shoemaker, . . .	1	—	1
Chair maker, . . .	—	1	1	Stableman, . . .	—	1	1
Cook, . . .	1	—	1	Watch maker, . . .	—	1	1
Farmer, . . .	—	2	2	Waiter, . . .	—	2	2
General Electric				Weaver, . . .	—	1	1
Company, fore-				Teamster, . . .	—	2	2
man, . . .	1	—	1	No occupation, . . .	23	29	52
Hostler, . . .	1	—	1				
Kitchen man, . . .	—	1	1	Totals, . . .	27	63	90

FEMALES.

Bookkeeper, . . .	—	1	1	Paper mills, . . .	—	1	1
Boxmaker, . . .	—	1	1	Scholar, . . .	2	3	5
Domestic, . . .	1	11	12	Stenographer, . . .	—	1	1
General Electric				Salesgirl, . . .	—	1	1
Company, . . .	—	1	1	Tailoress, . . .	—	1	1
Housekeeper, . . .	1	2	3	No occupation, . . .	20	28	48
Housewife, . . .	—	7	7				
Laundress, . . .	—	1	1	Totals, . . .	25	59	84
Milliner, . . .	1	—	1				

WIFE OR DAUGHTER OF —

Assistant bank cash-				Machinist, . . .	1	2	3
ier, . . .	—	1	1	Night watchman, . . .	1	3	4
Bank receiver, . . .	—	1	1	Tailor, . . .	—	2	2
Brick layer, . . .	—	1	1	Teamster, . . .	—	1	1
Carpenter, . . .	2	—	2	Tinsmith, . . .	—	1	1
Cigar maker, . . .	—	1	1	Tollman, . . .	—	1	1
Farmer, . . .	—	2	2	Unknown, . . .	20	41	61
Laborer, . . .	1	1	2				
Lineman, . . .	—	1	1	Totals, . . .	25	59	84

7. — *Ages of Epileptics at First Attack, Admission and Death.*
INSANE.

AGES.	FIRST ADMITTED TO ANY HOSPITAL.						DIED.			AT TIME OF DEATH.		
	AT FIRST ATTACK OF INSANITY.			AT FIRST ATTACK OF EPILEPSY.			WHEN ADMITTED.			AT FIRST ATTACK OF INSANITY.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital,	18	11	29	1	1	2	18	11	29	3	2	5
15 years and less,	1	3	4	15	1	16	1	3	4	2	1	3
From 15 to 20 years,	2	3	5	1	1	2	2	3	5	6	1	7
20 to 25 years,	1	1	2	1	1	2	1	1	2	1	2	3
25 to 30 years,	1	1	2	1	1	2	1	1	2	1	2	3
30 to 35 years,	1	2	3	1	1	2	1	2	3	1	2	3
35 to 40 years,	1	1	2	1	1	2	1	1	2	1	1	2
40 to 50 years,	3	2	5	2	1	3	3	2	5	1	1	2
50 to 60 years,	1	2	3	1	1	2	1	2	3	1	1	2
60 to 70 years,	1	2	3	1	1	2	1	1	2	1	1	2
70 to 80 years,	1	1	2	1	1	2	1	1	2	1	1	2
80 to 90 years,	1	1	2	1	1	2	1	1	2	1	1	2
Totals,	27	25	52	23	19	42	27	25	52	14	9	23
Unknown,	—	—	—	4	6	10	—	—	—	3	1	4
Total persons,	27	25	52	27	25	52	27	25	52	14	9	23
Mean known age,	17.37	23.6	20.33	13.75	12.08	13.00	17.31	23.6	20.33	14.54	29.72	29.56

7. — *Ages of Epileptics at First Attack, Admission and Death* — Concluded.

SANE.

AGES.	FIRST ADMITTED TO ANY HOSPITAL.			DIED.		
	AT FIRST ATTACK OF EPILEPSY.			AT FIRST ATTACK OF EPILEPSY.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital,	—	2	2	—	—	—
15 years and less,	33	20	53	8	5	13
From 15 to 20 years,	9	6	15	—	2	2
20 to 25 years,	8	3	11	—	1	1
25 to 30 years,	1	3	4	—	1	1
30 to 35 years,	1	2	3	—	2	2
35 to 40 years,	3	2	5	1	1	2
40 to 45 years,	1	4	5	—	—	—
45 to 50 years,	1	3	4	—	—	—
50 to 55 years,	—	—	—	—	—	—
55 to 60 years,	—	—	—	—	—	—
60 to 65 years,	—	—	—	—	—	—
65 to 70 years,	—	—	—	—	—	—
70 to 75 years,	—	—	—	—	—	—
75 to 80 years,	—	—	—	—	—	—
80 to 85 years,	—	—	—	—	—	—
85 to 90 years,	—	—	—	—	—	—
Totals,	57	54	111	9	12	21
Unknown,	6	5	11	—	—	—
Total persons,	63	59	122	9	12	21
Mean known age,	75.04	17.73	16.80	10.83	19.37	15.71
			28.36	27.50	36.87	32.85

8. — *Probable Causes of Epilepsy in Persons first admitted to Any Hospital.*

EXCITING CAUSES.	ADMITTED.			PREDISPOSING CAUSES.								
				HEREDITARY TENDENCY.			NEUROTIC TENDENCY.			ALCOHOLIC TENDENCY.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
<i>Insane.</i>												
Physical: —												
Electric shock,	1	—	1	—	—	—	—	—	—	—	—	—
Injury to head,	—	2	2	—	—	—	—	—	—	—	1	1
Sunstroke,	1	1	2	—	—	—	—	—	—	—	—	—
Totals,	2	3	5	—	—	—	—	—	—	—	1	1
Unknown,	25	22	47	1	2	3	2	—	2	3	2	5
Totals,	27	25	52	1	2	3	2	—	2	3	3	6
<i>Sane.</i>												
Physical: —												
Injury to head,	4	—	4	—	—	—	—	—	—	—	—	—
Over exercise,	1	—	1	—	—	—	—	—	—	—	—	—
Operation on hand,	1	—	1	—	—	—	—	—	—	—	—	—
Fright,	1	1	2	—	—	—	—	—	—	—	—	—
Gastritis,	5	2	7	—	—	—	—	—	—	—	1	1
Scald,	—	2	2	—	—	—	—	—	—	—	—	—
Cerebral hemorrhage,	2	—	2	—	—	—	—	—	—	—	—	—
Acute infection,	3	—	3	—	—	—	—	—	—	—	—	—
Cerebro-spinal meningitis,	2	—	2	—	—	—	—	—	—	1	—	1
Overheating, followed by swim,	1	—	1	—	—	—	—	—	—	—	—	—
Sunstroke,	2	—	2	—	—	—	—	—	—	—	—	—
Sickness of mother during pregnancy,	—	2	2	—	—	—	—	—	—	—	—	—
Dentition,	1	—	1	—	—	—	—	—	—	—	—	—
Totals,	23	7	30	—	—	—	—	—	—	1	1	2
Unknown,	40	52	92	4	8	12	1	2	3	—	4	4
Totals,	63	59	122	4	8	12	1	2	3	1	5	6
Aggregates,	25	10	35	—	—	—	—	—	—	1	2	3
Unknown,	65	74	139	5	10	15	3	—	3	3	6	9
Aggregates,	90	84	174	5	10	15	3	—	3	4	8	12

10. — Discharges, classified by Admission and Result as to Epilepsy, and Deaths.

NUMBER OF THE ADMISSION.	RECOVERED.			CAPABLE OF SELF-SUPPORT.			IMPROVED.			NOT IMPROVED.			DIED.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Insane epileptics: —																		
First to this hospital, .	—	—	—	—	—	—	4	2	6	—	—	—	12	8	20	16	10	26
Second to this hospital, .	—	—	—	—	—	—	1	—	1	—	—	—	2	1	3	3	1	4
Third to this hospital, .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total cases, .	—	—	—	—	—	—	5	2	7	—	—	—	14	9	23	19	11	30
Total persons, .	—	—	—	—	—	—	5	2	7	—	—	—	14	9	23	19	11	30
First admitted to any hospital, .	—	—	—	—	—	—	3	1	4	—	—	—	9	7	16	12	8	20
B. — Sane epileptics: —																		
First to this hospital, .	1	—	1	—	—	—	27	14	41	5	—	5	9	11	20	42	25	67
Second to this hospital, .	—	—	—	—	—	—	4	—	4	—	—	—	—	1	1	4	1	5
Third to this hospital, .	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	1	1
Total cases, .	1	—	1	—	—	—	31	15	46	5	—	5	9	12	21	46	27	73
Total persons, .	1	—	1	—	—	—	31	15	46	5	—	5	9	12	21	46	27	73
First admitted to any hospital, .	1	—	1	—	—	—	27	14	41	5	—	5	9	10	19	42	24	66

11. — Causes of Death.

CAUSES.	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Nervous system: —									
Status epilepticus,	5	2	7	2	1	3	7	3	10
Epilepsy,	2	3	5	2	3	5	4	6	10
Brain cyst,	—	—	—	1	—	1	1	—	1
Brain abscess,	—	—	—	—	1	1	—	1	1
Respiratory system: —									
Lobar pneumonia,	1	—	1	3	—	3	4	—	4
Pulmonary edema,	1	—	1	—	—	—	1	—	1
Pulmonary tuberculosis,	3	2	5	1	—	1	4	2	6
Broncho-pneumonia,	1	1	2	—	1	1	1	2	3
Circulatory system: —									
Acute dilatation of the heart,	1	1	2	—	—	—	1	1	2
Myocarditis,	—	—	—	—	1	1	—	1	1
Genito-urinary system: —									
Interstitial nephritis,	—	—	—	—	1	1	—	1	1
General: —									
Carcinoma of the face,	—	—	—	—	1	1	—	1	1
Accidental scalding by hot water,	—	—	—	—	1	1	—	1	1
Digestive system: —									
Acute dilatation of the stomach,	—	1	1	—	—	—	—	1	1
Intestinal paralysis,	—	1	1	—	—	—	—	1	1
Totals,	14	11	25	9	10	19	23	21	44

12. — Deaths, classified by Duration of Disease and Treatment.

INSANE.

PERIOD.	FIRST ADMITTED TO ANY HOSPITAL.										ALL OTHER ADMISSIONS.					
	DURATION BEFORE ADMISSION.				HOSPITAL RESIDENCE.				WHOLE DURATION OF ATTACK.				WHOLE KNOWN PERIOD OF DISEASE.			
	INSANITY.				INSANITY.				EPILEPSY.				INSANITY.			
	Males.	Females.	Totals.		Males.	Females.	Totals.		Males.	Females.	Totals.		Males.	Females.	Totals.	
	Males.	Females.	Totals.		Males.	Females.	Totals.		Males.	Females.	Totals.		Males.	Females.	Totals.	
Congenital,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Under 1 month,	9	7	16	-	2	-	2	-	-	-	-	-	1	1	2	-
From 1 to 3 months,	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
3 to 6 months,	-	-	-	-	1	1	2	-	-	-	-	-	-	-	-	-
6 to 12 months,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 to 2 years,	-	-	-	-	1	2	3	1	-	-	-	-	-	-	-	-
2 to 5 years,	-	-	-	-	3	2	5	3	-	-	-	-	1	-	1	1
5 to 10 years,	-	-	-	-	2	1	3	2	1	1	2	1	1	-	1	3
10 to 20 years,	-	-	-	-	-	-	-	-	6	5	11	11	2	1	3	3
Over 20 years,	-	-	-	-	-	-	-	-	1	1	2	2	-	-	-	-
Totals,	9	7	16	-	9	7	16	9	9	7	16	16	5	2	7	7
Unknown,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals,	9	7	16	-	9	7	16	9	9	7	16	16	5	2	7	7
Average of known cases (in months).	.5	.5	.5	136.66	147.42	141.37	36.72	30.85	34.15	36.72	30.85	34.15	98.5	84.25	94.42	112.28

